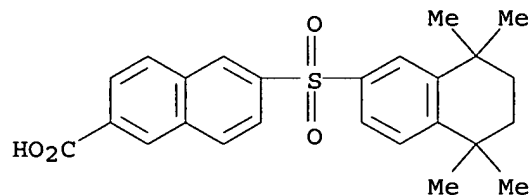


L22 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS
RN 186526-13-6 REGISTRY
CN 2-Naphthalenecarboxylic acid,
6-[(5,6,7,8-tetrahydro-5,5,8,8-tetramethyl-2-
naphthalenyl)sulfonyl]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C25 H26 O4 S
SR CA
LC STN Files: CA, CAPLUS, TOXLIT



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

eluted species

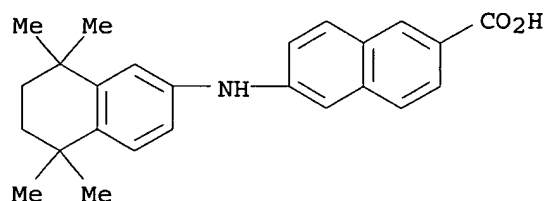
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=> S 186526-15-8/RN

L7 1 186526-15-8/RN

=> D L7 SQIDE TOTAL

L7 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS
RN 186526-15-8 REGISTRY
CN 2-Naphthalenecarboxylic acid,
6-[(5,6,7,8-tetrahydro-5,5,8,8-tetramethyl-2-
naphthalenyl)amino]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C25 H27 N O2
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, TOXLIT



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

3 REFERENCES IN FILE CA (1967 TO DATE)
3 REFERENCES IN FILE CAPLUS (1967 TO DATE)

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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	1.90	23.47

FILE 'REGISTRY' ENTERED AT 18:29:02 ON 06 FEB 2002
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
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STRUCTURE FILE UPDATES: 5 FEB 2002 HIGHEST RN 389795-01-1
DICTIONARY FILE UPDATES: 5 FEB 2002 HIGHEST RN 389795-01-1

TSCA INFORMATION NOW CURRENT THROUGH July 7, 2001

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

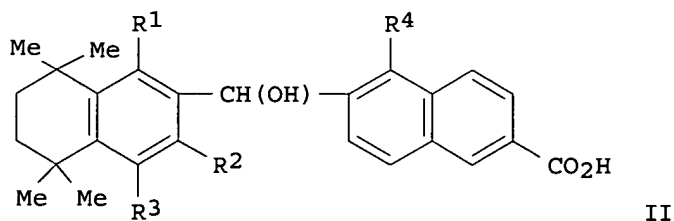
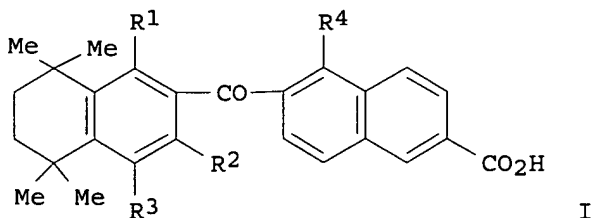
Crossover limits have been increased. See HELP CROSSOVER for details.

Calculated physical property data is now available. See HELP PROPERTIES
for more information. See STNote 27, Searching Properties in the CAS
Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

L21 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2002 ACS
 ACCESSION NUMBER: 1997:13365 CAPLUS
 DOCUMENT NUMBER: 126:139483
 TITLE: Structural modifications of 6-naphthalene-2-carboxylate retinoids
 AUTHOR(S): Yu, Kuo-Long; Ostrowski, Jacek; Chen, Simon; Trampusch, Kenneth M.; Reczek, Peter R.; Mansuri, Muzammil M.; Starrett, John E., Jr.
 CORPORATE SOURCE: Pharm. Res. Inst., Bristol-Myers Squibb Co., Wallingford, CT, 06492, USA
 SOURCE: Bioorg. Med. Chem. Lett. (1996), 6(23), 2865-2870
 CODEN: BMCLE8; ISSN: 0960-894X
 PUBLISHER: Elsevier
 DOCUMENT TYPE: Journal
 LANGUAGE: English

=> d abs kwic

L21 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2002 ACS
 GI



AB The keto linker of 2-naphthoate retinoid I has been found nonessential for RAR transactivation activity and can be replaced with heteroatoms such as S, O, N without significant redn. of the activity. On the other hand, substitutions on the arom. rings of retinoids I and II resulted in analogs

with reduced potency and RAR selectivity.

IT 186525-86-0P 186525-87-1P 186525-88-2P 186525-89-3P 186525-90-6P
 186525-91-7P 186525-92-8P 186525-93-9P 186525-94-0P 186525-95-1P
 186525-96-2P 186525-97-3P 186525-98-4P 186525-99-5P 186526-11-4P
 186526-12-5P **186526-13-6P** 186526-15-8P 186526-17-0P
 186526-18-1P 186526-19-2P 186526-22-7P

RL: BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
 (naphthalene carboxylate retinoids, prepn. and RAR transactivation

FILE 'CAPLUS' ENTERED AT 18:24:14 ON 06 FEB 2002
 L1 0 S WO0145664/PN
 L2 1 S WO200145664/PN
 SELECT L2 1 RN
 L3 6202 S E1-E6

FILE 'REGISTRY' ENTERED AT 18:26:52 ON 06 FEB 2002
 L4 1 S 180528-43-2/RN

FILE 'REGISTRY' ENTERED AT 18:27:21 ON 06 FEB 2002
 L5 1 S 180528-44-3/RN

FILE 'REGISTRY' ENTERED AT 18:27:39 ON 06 FEB 2002
 L6 1 S 186526-11-4/RN

FILE 'REGISTRY' ENTERED AT 18:28:39 ON 06 FEB 2002
 L7 1 S 186526-15-8/RN

FILE 'REGISTRY' ENTERED AT 18:29:02 ON 06 FEB 2002
 L8 1 S 186526-17-0/RN
 L9 0 S SULFANYL/CN
 E SULFANYL/CN
 L10 4 S E4-E7
 L11 SCREEN 964 AND 2076
 L12 SCREEN 1821 OR 1822 OR 1823 OR 1824
 L13 STRUCTURE UPLOADED
 L14 QUE L13 AND L11 AND L12
 L15 0 S L13 FULL
 L16 SCREEN 964 AND 2076
 L17 SCREEN 1821 OR 1822 OR 1823 OR 1824
 L18 STRUCTURE UPLOADED
 L19 QUE L18 AND L16 AND L17
 L20 1 S L18 FULL

FILE 'CAPLUS' ENTERED AT 18:51:38 ON 06 FEB 2002
 L21 1 S L20

FILE 'REGISTRY' ENTERED AT 18:59:45 ON 06 FEB 2002
 L22 1 S 186526-13-6/RN

FILE 'EUROPATFULL, PCTFULL, USPATFULL, USPAT2, WPIDS' ENTERED AT
 19:00:59
 ON 06 FEB 2002
 E BRISTOL-MYERS SQUIBB/PA
 L23 3691 S E1-E12
 L24 19 S L23 AND (YU(2W) KUO-LONG OR OSTROWSKI OR CHEN(W) SIMON OR
 TRAMP

FILE 'CAPLUS' ENTERED AT 19:23:56 ON 06 FEB 2002
 L25 4 S L4-L8

L25 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1997:13365 CAPLUS

DOCUMENT NUMBER: 126:139483

TITLE: Structural modifications of 6-naphthalene-2-carboxylate retinoids

AUTHOR(S): Yu, Kuo-Long; Ostrowski, Jacek; Chen, Simon; Tramposch, Kenneth M.; Reczek, Peter R.; Mansuri, Muzammil M.; Starrett, John E., Jr.

CORPORATE SOURCE: Pharm. Res. Inst., Bristol-Myers Squibb Co., Wallingford, CT, 06492, USA

SOURCE: Bioorg. Med. Chem. Lett. (1996), 6(23), 2865-2870

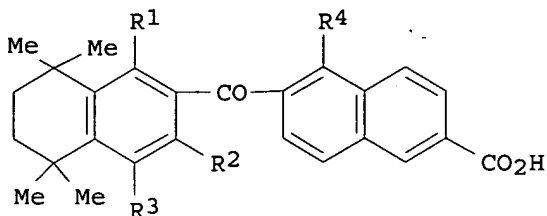
CODEN: BMCLE8; ISSN: 0960-894X

PUBLISHER: Elsevier

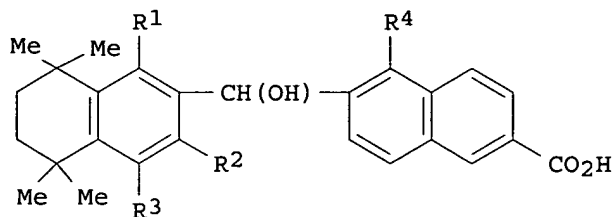
DOCUMENT TYPE: Journal

LANGUAGE: English

GI



I



II

AB The keto linker of 2-naphthoate retinoid I has been found nonessential for

RAR transactivation activity and can be replaced with heteroatoms such as S, O, N without significant redn. of the activity. On the other hand, substitutions on the arom. rings of retinoids I and II resulted in analogs

with reduced potency and RAR selectivity.

IT 186525-86-0P 186525-87-1P 186525-88-2P 186525-89-3P 186525-90-6P
186525-91-7P 186525-92-8P 186525-93-9P 186525-94-0P 186525-95-1P
186525-96-2P 186525-97-3P 186525-98-4P 186525-99-5P
186526-11-4P 186526-12-5P 186526-13-6P 186526-15-8P
186526-17-0P 186526-18-1P 186526-19-2P 186526-22-7P

RL: BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)

(naphthalene carboxylate retinoids, prepn. and RAR transactivation activity)

68-45

> s e1-e6

6199 1406-16-2/BI
2 180528-43-2/BI
2 180528-44-3/BI
3 186526-11-4/BI
3 186526-15-8/BI
3 186526-17-0/BI

L3 6202 (1406-16-2/BI OR 180528-43-2/BI OR 180528-44-3/BI OR
186526-11-4
/BI OR 186526-15-8/BI OR 186526-17-0/BI)

The P indicator for Preparations was not generated for all of the CAS Registry Numbers that were added to the H/Z/CA/CAPLUS files between 12/27/01 and 1/23/02. Use of the P indicator in online and SDI searches during this period, either directly appended to a CAS Registry Number or by qualifying an L-number with /P, may have yielded incomplete results. As of 1/23/02, the situation has been resolved. Also, note that searches conducted using the PREP role indicator were not affected.

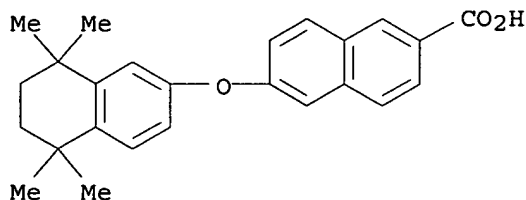
Customers running searches and/or SDIs in the H/Z/CA/CAPLUS files incorporating CAS Registry Numbers with the P indicator between 12/27/01 and 1/23/02, are encouraged to re-run these strategies. Contact the CAS Help Desk at 1-800-848-6533 in North America or 1-614-447-3698, worldwide, or send an e-mail to help@cas.org for further assistance or to receive a credit for any duplicate searches.

=> S 186526-17-0/RN

L8 1 186526-17-0/RN

=> D L8 SQIDE TOTAL

L8 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS
RN 186526-17-0 REGISTRY
CN 2-Naphthalenecarboxylic acid,
6-[(5,6,7,8-tetrahydro-5,5,8,8-tetramethyl-2-naphthalenyl)oxy]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C25 H26 O3
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, TOXLIT



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

3 REFERENCES IN FILE CA (1967 TO DATE)
3 REFERENCES IN FILE CAPLUS (1967 TO DATE)

=> S 180528-43-2/RN

L4 1 180528-43-2/RN

=> D L4 SQIDE TOTAL

L4 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS

RN 180528-43-2 REGISTRY

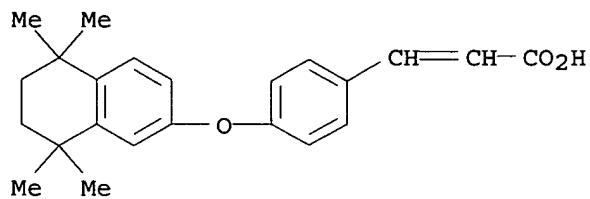
CN 2-Propenoic acid, 3-[4-[(5,6,7,8-tetrahydro-5,5,8,8-tetramethyl-2-naphthalenyl)oxy]phenyl]- (9CI) (CA INDEX NAME)

FS 3D CONCORD

MF C23 H26 O3

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, TOXLIT, USPATFULL

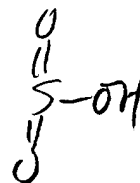
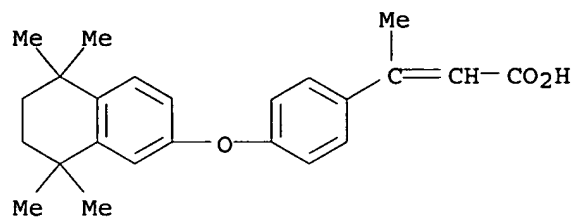


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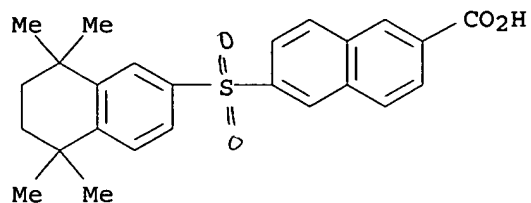
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2 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L5 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS
RN 180528-44-3 REGISTRY
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MF C24 H28 O3
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, TOXLIT, USPATFULL



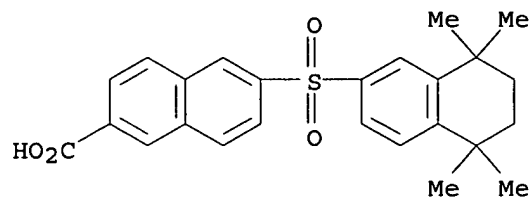
L6 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS
RN 186526-11-4 REGISTRY
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6-[(5,6,7,8-tetrahydro-5,5,8,8-tetramethyl-2-
naphthalenyl)thio]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C25 H26 O2 S
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, TOXLIT



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

3 REFERENCES IN FILE CA (1967 TO DATE)
3 REFERENCES IN FILE CAPLUS (1967 TO DATE)

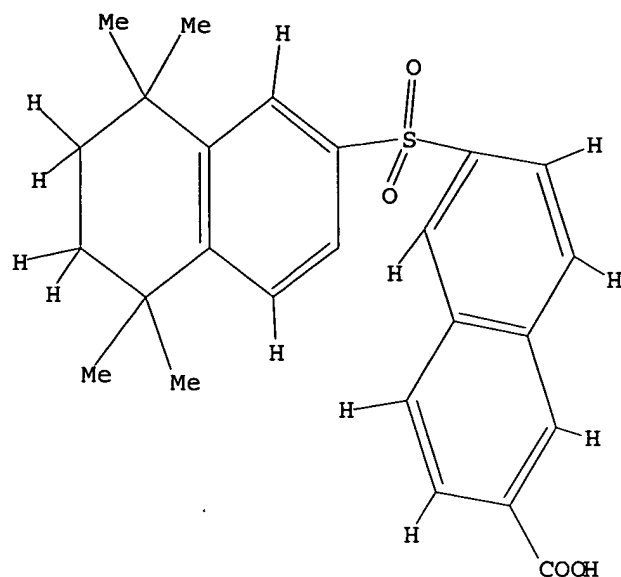
L22 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS
RN 186526-13-6 REGISTRY
CN 2-Naphthalenecarboxylic acid,
6-[(5,6,7,8-tetrahydro-5,5,8,8-tetramethyl-2-
naphthalenyl)sulfonyl]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C25 H26 O4 S
SR CA
LC STN Files: CA, CAPLUS, TOXLIT



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L18

STR



*selected
Speci*

Structure attributes must be viewed using STN Express query preparation.

=> s l18 full

FULL SEARCH INITIATED 18:51:27 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 30 TO ITERATE

100.0% PROCESSED 30 ITERATIONS

1 ANSWERS

SEARCH TIME: 00.00.01

L20

1 SEA SSS FUL L18